

आधार - आम आदमी का अधिकार



9629 450752

Rajastham Diagnostic & Medical Research Centre Jhunjhunu









# RAJASTHANI DIAGNOSTIC & MRI CENTRE

### FULLY COMPUTERISED PATHOLOGY LABORATORY

MRI

CT SCAN

TMT

SONOGRAPHY

X-RAY

ECG

MAMOGRAPHY

NAME	PAWAN KUMAR MEENA	AGE-	SEX: M	
REF/BY:	MEDIWHEEL HEALTH CHECKUP	DATE	4-Feb-24	

#### ULTRASONOGRAPHY WHOLE ABDOMEN

Liver: is enlarged in size 16.8 cm, shape and mild to moderate bright and altered echotexture with surface irregularity. No IHBR dilatation is seen. No focal mass seen. Portal vein and hepatic veins are normal in diameter. Common bile duct is normal in diameter and lumen is clear. Few periportal lymph nodes largest measuring approx 22x10 mm is seen.

Gall bladder: is Contracted.

Pancreas: is normal in size, shape and echotexture. No focal mass or lesion is detected.

Pancreatic duct is not dilated.

Rt. Kidney: is normal in size, shape, position and echotexture. Conticomedulary differentiation is well maintained. No evidence of definite calculus/ hydronephrosis is seen.

Lt. Kidney: is normal in size, shape, position and echotexture. Corticomedullary differentiation is well maintained. No evidence of definite calculus/ hydronephrosis is seen.

Spleen: is normal in size, regular in shape and echo texture. No focal lesion is seen. Splenic vessels are normal.

Urinary Bladder: is well distended. Outline of bladder is regular, Wall thickness is normal. No focal mass is seen. No echagenic shadow suggestive of calculus is seen.

Prostate is normal in size, regular in shape and outline. Capsule is intact.

No evidence of ascites is seen. No obvious bowel pathology is seen. Retroperitoneum including corta, IVC are unremarkable.

#### IMPRESSION:

Grade II fatty liver with parenchymal changes.

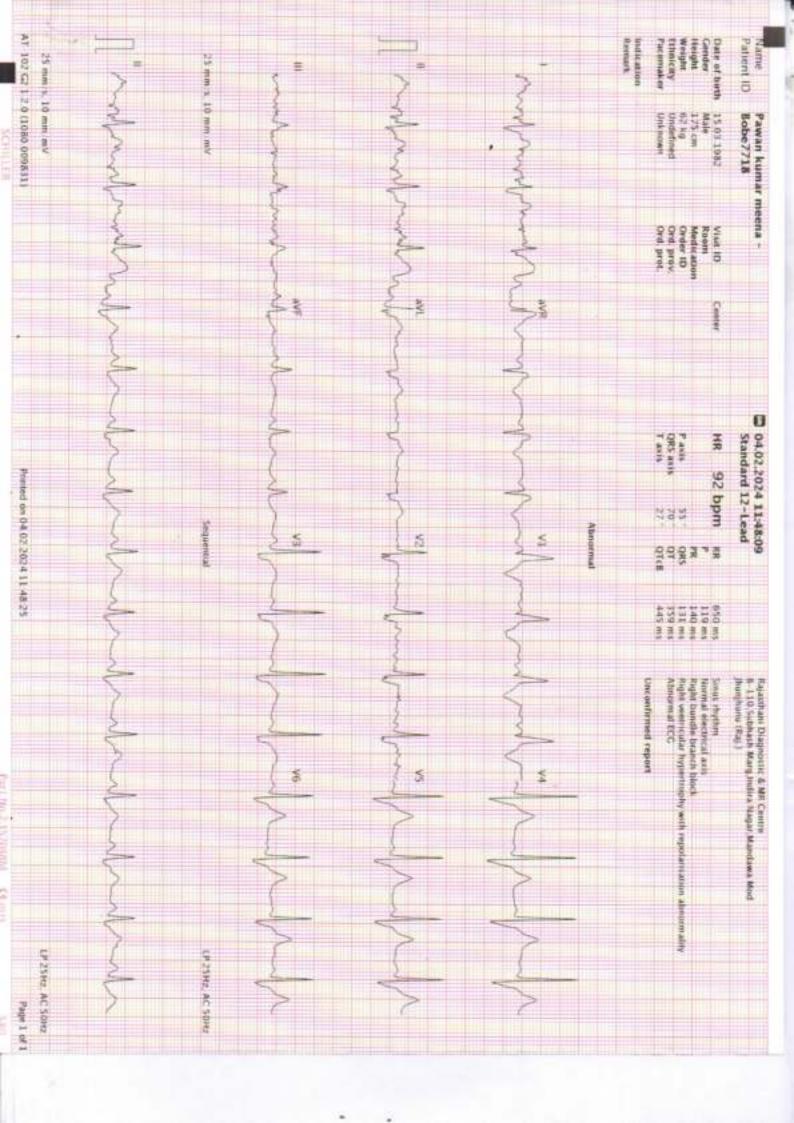
Advised: LFT, clinicopathological correlation

DR. ANUSHA MAHALAWAT

Dr. Anusha Mahalawat MD (Radiodingnosis ) (RMC, 38742/25457)









# RAJASTHANI DIAGNOSTIC & MEDICAL RESEARCH CENTRE

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MEMOGRAPHY

NAME : PAWAN KUMAR MEENA	AGE 41 /SEX M
REF.BY :BOB HEALTH CHECK-UP	DATE: 04.02.2024

### X-RAY CHEST PA

- · Both lung fields appear normal in under view
- · No e/o consolidation or cavitations is seen.
- · Both costo-phrenic angles appear clear.
- Cardiac size is within normal limits.
- · Both domes of diaphragm appear normal.
- Bony thoracic cage & soft tissue shadow appear normal.

IMPRESSION :- NORMAL X-RAY CHEST (PA)

The

DR. ANUSHA MAHALAWAT

MD (RADIODIAGNOSIS)

MD (Radiodiognosis) (RMC, 38742/25457)







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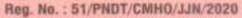
DR. ANUSHA MAHALAWAT

MD (RADIODIAGNOSIS)

MD (Radiodiognosis) (RMC, 38742/25457)













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**MEMOGRAPHY** 



## Hematology Analysis Report

First Name: PAWAN KUMAR

Last Name: MEENA Gender: Male

Sample Type: Department: Med Rec. No.: Sample ID: 15

Test Time: 04/02/2024 13:24

Diagnosis:

	Age: 41 Year					1000	90.0	
	Pa	rameter		Re	sult	Ref. Range	Unit	
	1	WBC		9.4	1	4.00-10.00	10^3/uL	
	2	Neu%		65.	0	50.0-70.0	%	
×	3	Lym%		26.	4	20.0-40.0	5%	
	4	Mon%		7.7		3.0-12.0	196 [ ]	
	5	Eos%		0.5		0.5-5.0	%	٩,
	6	Bas%		0.4		0.0-1.0	96	
	7	Neu#		6.1	2	2.00-7.00	1013/uL	
	8	Lym#		2.4	8	0.80-4.00	10°3/uL	
	9	Mon#		0.7	2	0.12-1.20	10*3/uL	
	10	Eos#		0.0	5	0.02-0.50	10*3/uL	
	11	Bas#		0.0	4	0.00-0.10	10*3/uL	
	12	RBC		4.2	3	3.50-5.50	10^6/uL	
	13	HGB		11	9	11.0-16.0	g/dL	
	14	HCT		41.	7	37.0-54.0	%	
	15	MCV		98.	6	80.0-100.0	R.	
	16	MCH		28.	1	27.0-34.0	pg	
	17	MCHC		28.	5 L	32.0-36.0	g/dL	
	18	RDW-CV	/-	13.		11.0-16.0	56	
	19	RDW-SD	j	53	5	35.0-56.0	fl	

32

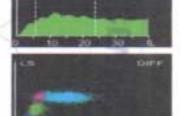
10.5

15.3

0.034

43.2

14







Dr. Mamta Khuteta M.D. (Path.) RMC No 4720/16260

20 PLT

21 MPV

22 PDW

**23 PCT** 

24 P-LCR

25 P-LCC

100-300

6,5-12.0

9.0-17.0

11.0-45.0

30-90

0.108-0.282

10^3/uL

10\*3/uL

Submitter: Operator: admin Approver: Draw Time: 04/02/2024 13:24 Received Time: 04/02/2024 13:24 Validated Time: Report Time: 04/02/2024 14:20 Remarks:

\*The Report is responsible for this sample only. If you have any questions, please contact us in 24 hours







# RAJASTKANI DIAGNOSTI

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SONOGRAPHY

X-RAY ECG

MEMOGRAPHY



Patient Name: PAWAN KUMAR MEENA

Sr. No. 11112 Patient ID No.: 1827

41 Gender Age MALE

Ref. By Dr : MEDI-WHEEL HEALTH CHECKUP

Registered on: 04-02-2024 12:21 PM

Collected On : 04-02-2024 12:21 PM Received On : 04-02-2024 12:21 PM

Reported On : 04-02-2024 02:48 PM Bar Code

LIS Number

#### LIPID PROFILE COMPLETE

Test Name	Observed Values	Units	Reference Intervals
Cholesterol (Mahod CHOD-PAP)	176.00	mg/dL	Adults- Desirable: <200 Borderline: 200-239 High; >239 Children- Desirable: <170 Borderline: 170-199 High: >199
HDL Cholesterol	58.00	mg/dL	35-88
Triglycerides (Marine GPO)	141.00	mg/dL	Recommended triglycerides levels for adults: Normal: <161 High: 161-199 Hypertriglycerdemic: 200-499 Very high:>499
LDL Cholesterol -	89.80	mg/dL	0-100
VLDL Cholesterol	28.20	mg/dL	0-35
TC/HDL Cholestrol Ratio	3.03	Ratio	2.5-5
LDL/HDL Ratio	1.55	Ratio	1.5-3.5

#### LIPID PROFILE COMMENTS

All above biological reference interval/sranges are in accordance to the recommendatons of The Natonal Cholesterol Educaton Program(N CEP) Adult Treatment Panel III

(ATP III) Guidelines providing the most desirable targets of various circulating lipid fractors in the bl ood

Lipid level assessments must be made followin9g to 12 hours of fastn.g otherwise assay results might lead to erroneous interpretation

NCEP recommends the assessment of3 different samples drawn at intervals o1f w eek for harmonizing biological variables that might be encountered in single assays

Therapeuto target levels of lipids as per NCEP - ATP III recommendation is

Total Cholesterol (mg/dL) <200 - Desirable 200-239 -Borderline high <240 - High

HDL Cholesterol(mg/dL), <40 - Low >60 - High

LDL Cholesterol(mg/dL) <100 Optmal

[ Primary Target of Therapy] 100-129 Near optmal/above optmal

130-159 Borderline high

160-189 High

>190 Very high

Serum Triglycerides (mg/dL) <150 Normal

150-199 Borderline high

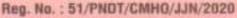


Marth Butch Dr.Mamta Khuteta M.D.(Path.) RMC No. 4720/16260

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T&C . \* This Reports is Neg Val \* No part of this report so 別名中PPMHITIS中PERMIT THE INTERNATION PRODUCTION PROPERTY PRODUCTION PROPERTY PROPERT

erpret result after considering Age, sex effect of drug and other relevant factor.





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200-499 High >500 Very high

NCEP recommends lowering of LDL Cholesterol as the primary therapeuts target with lipid lowering age, nhtoswever, if triglycerides remain> 200 mg/dL afer LDL goal is

reached, set secondary goal for non-HDL cholesterol (totall minus HDL) 30 mg/dL higher than LDL goal.

Comparison of LDL Cholesterol and Non-HDL Cholesterol Goals for Three Risk Categories

Risk Category LDL Goal (mg/dL) Non-HDL Goal (mg/dL)

CHD and CHD Risk Equivalent < 100 < 130

(10-year risk for CHD >20%)

Multple (2+) Risk Factors and <130 <160

10-year risk <20%

0-1 Risk Factor <160 <190

Low HDL levels are an independent risk factor for occurrence of coronary artery disease

When Triglyceride level is > 400 mg/dL, Friedewald Equaton is not applicable for calculation of LD&L VLDL. Hence the

calculated values are not provided for such samples.

### HAEMATOLOGY

Test Name	Observed Values	Units	Reference Intervals
ESR (Erythrocyte Sedimentation Rate)	16	mm/hr	20
BLOOD GROUPING (ABO & Rh )	O+ Positive		









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Patient Name: PAWAN KUMAR MEENA

Sr. No. 1112 Patient ID No.: 1827

> 41 Gender MALE

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#### HAEMATOLOGY

### HbA1c(Glycosylated hemoglobin)

Test Name	Observed Values	Units	Reference Intervals
HbA1c(Glycosylated hemoglobin)	5.40	3650	< 6.50 Non-Diabetic 6.50 - 7.00 Very Good Control 7.10 - 8.00 Adeqate Control 8.10 - 9.00 Suboptimal Control 9.10 - 10.00 Diabetic Poor Control > 10.00 Very Poor Control
eAG (Estimated Average Glucose)	108.28	mg/dL	0
eAG (Estimated Average Glucose)	6.01	mmol/L	10 47

Method: Fluorescence Immungassay Technology

Sample Type: EDTA Blood

Test Performed by:-

Fully Automated (EM 200 ) ERBA MANNHEIM.

#### Remarks:

Gycosylated Hemoglobin Testing is Recommended for both (a) Checking Blood Sugar Control in People who might be Pre-Diabetic. (b) Monitoring Blood Sugar Control in patients in more elevated levels, termed Diabetes Mellitus. The American Diabetic Association suggests that the Glycosylated Hemoglobin Test be Performed atleast Two Times in Year in Patients with Diabetes that are meeting Treatement Goals (and That have stable glycemic Control) and Quarterly in Patients with Diabetes whos therapy has changed or that are not meeting Glycemic Goals.

Glycosylated Hemoglobin measurement is not appropriate where there has been change in diet or Treatment within 6 Weeks. Hence people with recent Blood Loss, Hemolytic Aneamia, or Genetic Differences in the Hemoglobin Molecule (Hemoglobinopathy) such as Sickle-cell Disease and other Conditions, as well as those that have donated Blood recently, are not suitable for this Test.

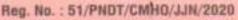
#### **BIO-CHEMISTRY**

Test Name		Observed Values	Units	Reference Intervals
Glucose Fasting	н	125.00	mg/dL	Glucose Fasting Cord: 45-96 New born, 1d: 40-60 New born,>1d: 50-80 Child: 66-100 Adult: 74-100 >60 Y: 82-115 >90 Y: 75-121





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### **BIO-CHEMISTRY**

#### KIDNEY FUNCTION TEST

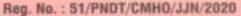
Test Name	Observed Values	Units	Reference Intervals
Blood Urea (Metrod Urama GLDH)	23.00	mg/dL	Adults Women < 50 years : 13-40 Women > 50 years : 21-43 Men < 50 years : 19-45 Men > 50 years : 18-55 Children 1-3 years : 11-38 4-13 years : 15-36 13-19 years : 18-45
Creatinine ( Methal: Enlymatic Creatings )	0.98	mg/dL	0.61.30
Calcium	9.68	mg/dL	8.511
Uric Acid	5.29	mg/dL	2.4-7.2

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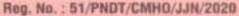
### **BIO-CHEMISTRY**

#### Liver Function Test

Test Name	Observe	ed Values	Units		Reference Intervals
-	de		TA		
SGOT/AST(Tech.:-UV Kinetic)	H 58	3.00	U/L		5-40
SGPT/ALT(TechUV Kinetic)	Н 62	2.00	U/L	-	5-40
Bilirubin(Total)	0	.85	mg/dL	Service	Adults: 0-2, Cord < 2 Newborns, premature 0-1 day 1-8, 1-2 days: 6-12, 3-5 days 10-14 Newborns, full term 0-1 day: 2-6, 1-2 days: 6-10, 3-5 days: 4-8
Billrubin(Direct)	0	22	mg/dL		00.3
Bilirubin(Indirect)	0	.63	mg/dL		0.1-1.0
Total Protein (Merrod Bullet Merrod)	R	C C	g/dL	377	Adults 6.4 - 8.3 Premature: 3.6 - 6.0 Newborn: 4.6 - 7.0 1 Week: 4.4 - 7.6 7-12 months: 5.1 - 7.3 1-2 Years: 5.6 - 7.5 > 2 Years: 6.0 - 8.0
Albumin	3	.98			
Globulin(CALCULATION)	3	1.03	gm/dL		2,5-4,5
A/G Ratio(Tech.:-Calculated)	Jun 1	.31	1		1.2-2.5
Alkaline Phosphatase(Tech.:-Pnp Amp Kinetic)	170//17	6.00 1/10 (80)	U/L		108-306









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### THYROID HORMONES T3,T4,TSH (THYROID PROFILE)

Test Name	Observed Values	Units	Reference Intervals
T3 (Total Triiodothyronine)	0.86	ng/ML	0.5 - 1.5 ng/ML
T4 (TotalThyroxine)	12.19	µg/dL	4.60-12.50 µg/di.
TSH (Thyroid Stimulating Hormone) H	6.27	µlU/mL	0.35 5.50 µlU/mL

Sample Type : Serum Test Performed by:-

Fully Automated Chemi Luminescent Immuno Assay (ARCHITECT- 11000 PLUS ) Abbott USA

#### Remarks

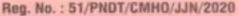
Primary malfunction of the Thyroid gland may result in excessive (hyper) or Low (hypo) release of T3 or T4. In additional, as TSH directly affect thyroid function, malfunction of the pituitary or the hypothalamus influences the thyroid gland activity.

Disease in any portion of the thyroid-pituitary-hypothalamus system may influence the level of T3 and T4 in the blood, in Primary Hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels may be low. In addition, in Euthyroid sick syndrome, multiple alterations in serum thyroid function test findings have been recognized.











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#### IMMUNOLOGY

Test Name	Observed Values	Units	Reference Intervals
PSA (Prostate-Specific Antigen)	0.13	ng/ml.	NORMAL 0 - 4.00 Borderline 4 - 10 High More than 10.00

Method : Fluorescence Immunoassay Technology Sample Type: Serum / Plasma / Whole Blood

Test Performed by:-

Fully Automated Chemi Luminescent Immuno Assay (ARCHITECT- 11000 PLUS ) Abbott USA

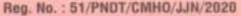
SUMMARY:-

PSA is localized in the cytoplasm of prostatic ductal epithelium and in secretions of the ductal lumina. Because PSA is a secretory protein of the prostate, it can be recovered and purified both from prostatic tissue and from seminal plasma. PSA has been found to be primarily associated with prostate tissue, and elevated serum PSA has been found in patients with prostate cancer, benign prostatic hypertrophy, and inflammatory conditions. Serum PSA alone is not suitable as a screen for prostate cancer because elevated PSA concen- trations are also observed in patients with benign prostatic hypertrophy (BPH), nor is it recommended as a guide in disease staging. The combination of PSA measurement and reactal examination with ultrasonography in the event of abnormal findings may provide a better method of detecting prostate cancer than rectal examination alone. PSA determinations can be useful in detecting metastatic or persistent disease in patients following surgical or medical treatment of prostate cancer.











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### URINE EXAMINATION URINE COMPLETE

Test Name	Observed Values	Units	Reference Intervals
PHYSICAL	Classia	Tra	
Quantity	6	mi	
Colour	Yellow	C	
Appearance / Transparency	Clear	1	
Specific Gravity	1.025	(	5
PH S	5.0		4.5-6.5
CHEMICAL		7	0
Reaction	Acidic		77
Albumin	TRACE		2
Urine Sugar	Nil		4
MICROSCOPIC	DO	1	9
Red Blood Cells	Nil	/h.p.f.	
Pus Cells	46	mpf.	
Epithelial Cells	1-2	/h.p.f.	
Crystals	Jan Nil	/hpf.	
Casts	WILLIAM INTO	/h.p.f.	
Bactria	Nif	hpt. *	
Others	Nil	/h.p.f.	

Test Name	Observed Values	Units	Reference Intervals
URINE SUGAR FASTING	Nil		

END OF REPORT >>> Results relate only to the sample as received. Kindly correlate with clinical condition. <<<

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March Whilek Dr.Mamta Khuteta M.D.(Path.) RMC No. 4720/16260

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